

Form PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 054726-0115	SERIAL NO. 09/992, 205
JAN 13 2003 U.S. PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)		APPLICANT		Hubert F. Metzger	
		FILING DATE		GROUP ART UNIT <b>1742</b>	
		11/06/2001		Not yet assigned	

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE IF APPROPRIATE
DRV	A1	6,217,729	04/17/2001	Zolotarsky et al.	—	—	
DRV	A2	5,925,231	07/20/1999	Metzger	—	—	
DRV	A3	5,707,428	01/13/1998	Carlton	—	—	
DRV	A4	5,409,594	04/25/1995	Al-Jiboory et al.	—	—	
DRV	A5	4,830,758	05/16/1989	Bodine	—	—	
DRV	A6	4,812,219	03/14/1989	Sattrup et al.	—	—	
DRV	A7	4,585,540	04/29/1986	Beer et al.	—	—	
DRV	A8	4,503,769	03/12/1985	Andersen	—	—	
DRV	A9	4,352,727	10/05/1982	Metzger	—	—	
DRV	A10	3,933,601	01/20/1976	Ishibashi et al.	—	—	
DRV	A11	3,923,610	12/02/1975	Bergin et al.	—	—	
DRV	A12	3,647,646	03/07/1972	W. M. Tucker et al.	—	—	
DRV	A13	3,351,539	11/07/1967	N. G. Branson	—	—	
DRV	A14	2,702,260	02/15/1955	F. Massa	—	—	

## FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION YES	NO
DRV	A15	EP 0 248 118	12/09/1987	European	—	—		
DRV	A16	DE 41 13 361	10/31/1991	Germany	—	—		

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

DRV	A17	H.E. Ricks, "Ultrasonics Improves, Shortens, and Simplifies Plating Operations," MPM, pages 47-49 (March 1962) <b>BEST AVAILABLE COPY</b>
DRV	A18	W.D. Mogerman, "Ultrasonics in the Plating Industry," PLATING, pages 941-947 (August 1967) <b>BEST AVAILABLE COPY</b>
DRV	A19	Electroplating Engineering Handbook (Van Nostrand Reinhold Company, A. Kenneth Graham, ed. 1971, 4 pages total) <i>(no notes)</i>
DRV	A20	Ultrasonics General Information (printed from Internet on November 14, 1996; dated March 18, 1995, 3 pages total)

EXAMINER *Donald R. Valentine* DATE CONSIDERED *6/5/02*

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include any copy of this form with next communication to applicant.

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O I P INFORMATION DISCLOSURE CITATION <i>Please several sheets if necessary</i>		APPLICANT Hubert F. Metzger	
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## U.S. PATENT DOCUMENTS

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**OTHER DOCUMENTS** (*Including Author, Title, Date, Pertinent Pages, Etc.*)

DR	B1	Maurice O'Donoghue, The Ultrasonic Cleaning Process (printed from Internet on November 14, 1996; dated March 6, 1996, 6 pages total)
DR	B2	J.R. Cox, "The Impact of Electromechanical Engraving Specifications on Streaking and Hazing," Gravure, pages 12-15 (Winter 1994) <b>BEST AVAILABLE COPY</b> <i>(no month)</i>
DR	B3	R. Martin AG brochure entitled "Plating installations type B" (selected pages) (no date), 4 pages total
DR	B4	Dixon Ticonderoga Company, "Grapho Kote no. 4 Ladle Coating," Product Data Sheet Pds – G332, 3 pages (no date)
DR	B5	Crest Ultrasonics Corporation, "Martin Walter Push-Pull™ Transducers" Technical Specifications (2 pages, no date)
DR	B6	Eltech, Anode Technologies Group "DSA® Insoluble Anodes For Wire Plating", Copyright 2001 (2 pages). <i>(no month)</i>

**EXAMINER**

**MINER**  
Ronald W. Valentine

**DATE CONSIDERED**

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6/13/03

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